## Customer No. 35743

— (JC04 Rec'd PCT/PTO 11 OCT

57708/460

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES **DESIGNATED/ELECTED OFFICE (DO/EQ/US) CONCERNING A FILING UNDER 35 U.S.Č. 371** 

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

ATTORNEY 'S DOCKET NUMBER

EXECUTIONAL APPLICATION NO. PCT/EP2004/003684

INTERNATIONAL FILING DATE April 6, 2004

PRIORITY DATE CLAIMED April 11, 2003

TITLE OF INVENTION

ADDUCTS BETWEEN MAGNETIC RESONANCE SHIFT REAGENTS AND SUBSTRATES CONTAINING EXCHANGEABLE PROTONS FOR "CEST" APPLICATIONS								
APPLICANT(S) FOR DO/EO/US Aime et al.								
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:								
This application is the national stage filing of corresponding international application number PCT/EP2004/003684, filed April 6, 2004, which claims priority to and benefit of European Application No. 03008456.0, filed April 11, 2003.								
1. A This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.								
2. This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.								
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)).								
4. The US has been elected by the expiration of 19 months from the priority date (Article 31).								
5. A copy of the International Application (35 U.S.C. 371 (c)(2))								
a. \( \sigma\) is attached hereto (required only if not communicated by the International Bureau).								
b. has been communicated by the International Bureau.								
<ul> <li>c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).</li> <li>6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</li> </ul>								
a. is attached hereto.								
b. has been previously submitted under 35 U.S.C. 1 54(d)(4).								
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))								
a.   are attached hereto (required only if not communicated by the International Bureau).								
b. A have been communicated by the International Bureau.								
c. $\square$ have not been made; however, the time limit for making such amendments has NOT expired.								
<ul> <li>d. ☐ have not been made and will not be made.</li> <li>8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</li> </ul>								
9. ✓ An unexecuted oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).								
10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).								
Items 11 to 20 below concern document(s) or information included:								
11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98; PTO 1449 and references cited therein.								
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.								
13. A FIRST preliminary amendment.								
14. A SECOND or SUBSEQUENT preliminary amendment.								
15. A substitute specification.								
16. A change of power of attorney and/or address letter.								
17. A paper and computer-readable form of the sequence listing								
18. A second copy of the published international application under 35 U.S.C. 1 54(d)(4).								
19. A second copy of the English language translation of the international application under 35 U.S.C. 1 54(d)(4).								
20. Other items or information: Application Data Sheet								

S. APPLICATION	ON NO.	(Life Conorm	ッラとも	15 L	PCT/EP2	HCCOPUP 004/003684	10.2 ATTORY S 57708/460	T NUMBER
The following fees are submi							CALCULATIONS	PTO USE ONLY
21. \( \text{Basic national fee (37 CFR 1.492(a))}\)							\$300	
22. 🛛 Examinati	on fee	(37 CFR 1.4	\$200					
If the written opinio	n prepa	red by ISA/US						
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)								
All other situations							\$400	
							\$ <del>400</del>	
If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)								
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International								
Searching Authority								
communicated to the US by the IB\$400.00								
All other situations\$500.00								
TOTAL OF 21, 22 and 23 =							\$900.00	
Additional Fee for specification and drawings filed in paper over 100 sheets (excluding sequence								
listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.								
Total Sheets	Extra Sheets			Number of Each additional 50 or fraction RATE thereof (round up to a whole number)		RATE		
-100 =	/50 =		thereo: (round up to a whole i		ildiliber)	x \$250.00	\$	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee or the oath or declaration							\$130.00	
after the date of commencement of the national stage (37 CFR 1.492(h).  CLAIMS NUMBER FILED NUMBER EXTRA RATE								
Total claims				0		\$50.00	\$0	
		18-20						
Independent claims		4-3		1		\$200.00	\$200.00 \$360.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable) +\$360.00							\$	
TOTAL OF ABOVE CALCULATIONS = \$ Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½								
- Applicant cia		iair citity sta		27 1C 1.27. 1 CC3 450 V		u by 72		
SUBTOTAL =							\$1590.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).							\$	
TOTAL NATIONAL FEE =						\$1590.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied								
by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +							\$1590.00	
TOTAL FEES ENCLOSED =							Amount to be	\$
							refunded:	Ż
							charged:	\$
a. A check in the amount of \$1590.00 to cover the above fees is enclosed.								
b. Please charge my Deposit Account No. <u>50-0540</u> in the amount of \$ to cover the above fees.  A duplicate copy of this sheet is enclosed.								
c. The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0540. A duplicate copy of this sheet is enclosed.								
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.								
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be								
filed and granted to restore the application to pending status.  SEND ALL CORRESPONDENCE TO:								
SIGNATURE								
Cust	omer	No. 3574	<b>43</b>		Albert B. C	Chen, Reg. No. 41,66	<u>7</u>	